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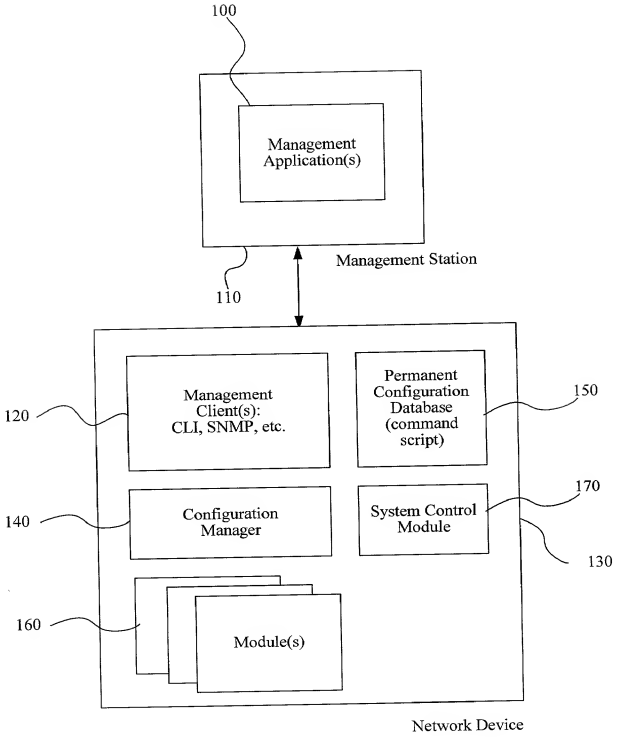


FIG. 1

10020180-052604

Figure 2

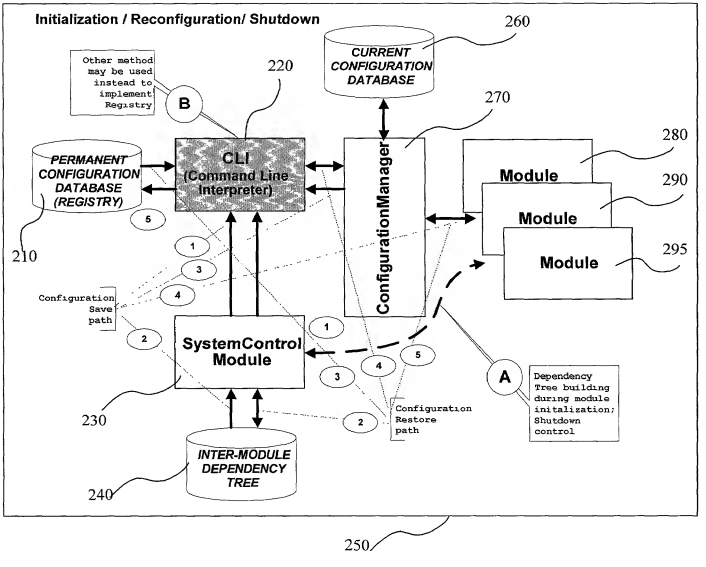


Figure 3

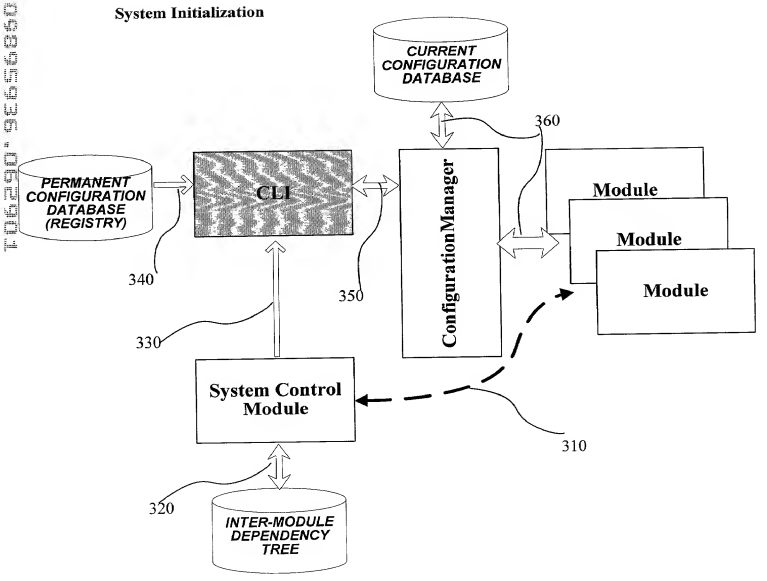

System Initialization
CURRENT CONFIGURATION DATABASE
360
PERMANENT CONFIGURATION DATABASE (REGISTRY)
CLI
ConfigurationManager
Module
Module
Module
340
350
330
System Control Module
310
320
INTER-MODULE DEPENDENCY TREE

Figure 4

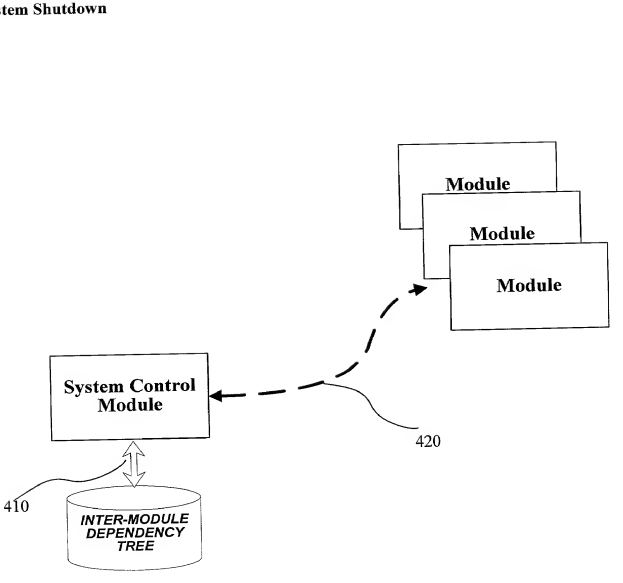

System Shutdown
Module
Module
Module
System Control Module
420
410
INTER-MODULE DEPENDENCY TREE

Figure 5

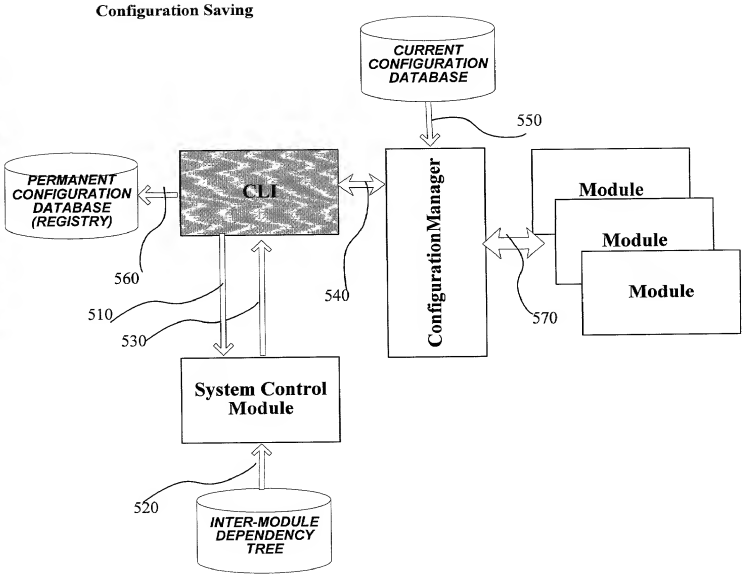
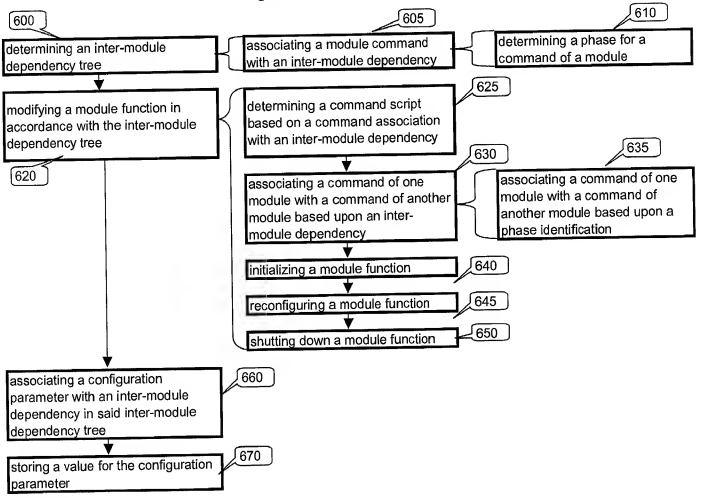
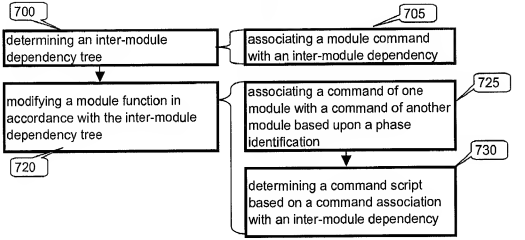

Configuration Saving
CURRENT CONFIGURATION DATABASE
550
PERMANENT CONFIGURATION DATABASE (REGISTRY)
CLI
ConfigurationManager
Module
Module
Module
560
510
530
540
570
System Control Module
520
INTER-MODULE DEPENDENCY TREE

Figure 6


600
determining an inter-module dependency tree
605
associating a module command with an inter-module dependency
610
determining a phase for a command of a module
modifying a module function in accordance with the inter-module dependency tree
620
determining a command script based on a command association with an inter-module dependency
625
associating a command of one module with a command of another module based upon an inter-module dependency
630
associating a command of one module with a command of another module based upon a phase identification
635
initializing a module function
640
reconfiguring a module function
645
shutting down a module function
650
associating a configuration parameter with an inter-module dependency in said inter-module dependency tree
660
storing a value for the configuration parameter
670

TD6290*9E656860

Figure 7



TD6290 9E656860

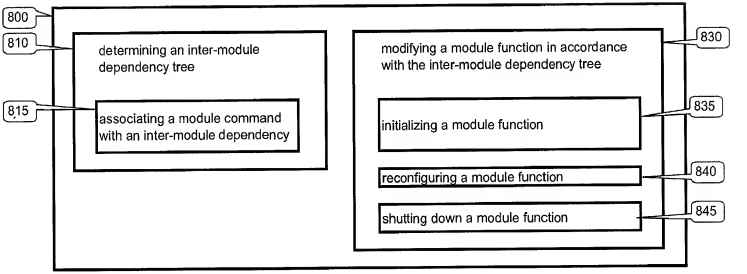



Figure 8